

REMARKS

This communication is in response to the Office Action mailed July 10, 2007. In the Office Action, claims 1-9, 11-36 and 38 were pending.

I. SPECIFICATION OBJECTIONS

Claim 5 was objected to based on the fact that there exists no defining parameters or algorithm of “function of uncertainty” within the specification. Applicants respectfully disagree with this assertion and invite the Examiner to review the paragraph beginning at page 14, line 6, wherein uncertainty of a classifier is defined. This paragraph defines that uncertainty is the probability that a classifier reaches no decision. Furthermore, FIG. 2 illustrates the concept of uncertainty. Thus, Applicants submit that uncertainty is defined in the specification and withdrawal of this objection is requested.

Claims 24, 32 and 33 were objected to based on the facts there exist no defining parameters or algorithm of the “first classifier is based” on a “set”. These claims are also objected to based on the fact that there exists no defining parameters or algorithms of the “second classifier is based” on a “set”. Applicant has amended the independent claims to note that the first classifier and second classifier is re-constructed using labeled sets. For example, Applicant points to the paragraph beginning on page 23, line 15, wherein it is stated, “generally, classifiers  $h_1$  and  $h_2$  can be rebuilt or re-constructed in training module 604 using augmented data set 620 having newly labeled data 615, 617 for each iteration or loop...”. FIG. 6 clearly illustrates labeled sets 615 and 617. Thus, it is believed that this objection is overcome and withdrawal of this objection is requested.

Claim 35 was objected to based on the fact the term “relative” is a relative term and the specification lacks a formula, algorithm or guidelines which defines “relative”. With this Amendment, claim 35 has been amended to insert the word “compared” for the term “relative”. As a result, withdrawal of this objection is respectfully requested.

II. CLAIM REJECTIONS 35 U.S.C. §112

Claim 4 was rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. In particular, claim 4 has the phrase “function of uncertainty”.

As noted above with regard to claim 5, uncertainty is defined on page 14 of the specification. As a result, withdrawal of this rejection is requested.

Claims 1, 22, 27 and 36 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. In particular, the Examiner alleges that “modifying the first classifier and the second classifier”, the first classifier being based on a set and the second classifier being based on the set is not disclosed. As mentioned above, Applicants invite the Examiner to review the Application with regard to FIGS. 6 and 7 wherein the classifiers are re-constructed using data sets that augment an overall labeled set. Based on the amendments to these independent claims, withdrawal of the rejections under 35 U.S.C. § 112 is respectfully requested.

Claims 8 and 18-21 were rejected under 35 U.S.C. § 112 for having the term “relative” which renders the claim indefinite. Applicants note that claim 8 has been amended to insert “compared” instead of “relative”. Furthermore, the terms “relatively” has been removed from claims 18-21. As a result, withdrawal of the rejections under 35 U.S.C. § 112 are respectfully requested.

Applicants reject the assertion that the claimed invention can be used only as a web page classification algorithm and not that the independent claims do not contain this language.

In view of the foregoing, Applicants respectfully submit that the pending claims are in condition for allowance. Applicants request reconsideration and allowance of the pending application.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Todd R. Fronek, Reg. No. 48,516  
900 Second Avenue South, Suite 1400  
Minneapolis, Minnesota 55402-3244  
Phone: (612) 334-3222  
Fax: (612) 334-3312